

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number  
**WO 2004/035826 A1**

(51) International Patent Classification<sup>7</sup>: **C12Q 1/68**

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(21) International Application Number:  
PCT/IB2003/004513

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(22) International Filing Date: 14 October 2003 (14.10.2003)

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:  
02292543.2 15 October 2002 (15.10.2002) EP  
03291129.9 14 May 2003 (14.05.2003) EP

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: ASSOCIATION OF THE H2 HAPLOTYPE OF THE P2Y12 RECEPTOR WITH AN INCREASED RISK FOR THROMBOSIS AND PERIPHERAL ARTERIAL DISEASE

(57) Abstract: The invention relates to an in vitro method for determining the risk of developing thrombosis in a subject, and to an in vitro method for determining sensitivity of a subject toward a thienopyridine therapy. Both methods involve identifying a particular haplotype of the P2Y12 receptor gene.

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/04513

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data, SEQUENCE SEARCH

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 36631 A (KAMOHARA MASAZUMI ;MATSUMOTO MITSUYUKI (JP); SAITO TETSU (JP); OHI) 10 May 2002 (2002-05-10) example 2	11
X	----- DATABASE EBI 'Online! EMBL; Homo sapiens 3 BAC RP11-25K24, 6 March 2000 (2000-03-06) MUZNY DM ET AL: retrieved from EBI, accession no. EM_HUM:AC024886 Database accession no. AC024886 XP002242768 abstract ----- -/--	10



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Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

03/03/2004

Name and mailing address of the ISA

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International Application No  
PCT/IB 03/04513

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 16 November 2001 (2001-11-16) CONLEY PAMELA B ET AL: "Unique mutations in the P2Y12 locus of patients with previously described defects in ADP-dependent aggregation." Database accession no. PREV200200151491 XP002242769 abstract &amp; BLOOD, vol. 98, no. 11 Part 2, 16 November 2001 (2001-11-16), page 43b 43rd Annual Meeting of the American Society of Hematology, Part 2;Orlando, Florida, USA; December 07-11, 2001, November 16, 2001 ISSN: 0006-4971</p>	11
X	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 16 November 2001 (2001-11-16) CATTANEO MARCO ET AL: "Phenotypic and genotypic characterization of a congenital bleeding disorder caused by a dysfunctional P2Y12 ADP receptor." Database accession no. PREV200200209859 XP002242770 abstract &amp; BLOOD, vol. 98, no. 11 Part 1, 16 November 2001 (2001-11-16), page 443a 43rd Annual Meeting of the American Society of Hematology, Part 1;Orlando, Florida, USA; December 07-11, 2001, November 16, 2001 ISSN: 0006-4971</p>	11
X	<p>WO 01 046454 A (COR THERAPEUTICS INC) 28 June 2001 (2001-06-28) claim 1</p>	11

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International Application No  
PCT/IB 03/04513

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